Please amend page 18, line 1 as follows:

~~Claims~~ **What is claimed is:**

This listing of claims will replace all prior versions, and listings, of claims including the original set of claims Published and the amended sheets attached to the IPER of claims in the application. These amendments reflect the amended claims based on the IPER.

Listing of Claims:

1. (Original) A targetable therapeutically active and/or diagnostic agent of formula (III)

V – L – Z (III)

wherein the vector V is a peptide comprising the amino acid sequence of formula (I)

Z^1-Arg-X^2-X^3-Ile-X^5-X^6-X^7-X^8-X^9-Z^2-Y^1 (I)

or formula (II)

Z^1-Arg-Val(Arg/Lys)Ile-Asp-Gly-X^7-Pro-X^9-Z^2-Y^1 (II)

wherein

X^2 is an amino acid selected from the group Val, Leu, Ile and Tyr

X^3 is an amino acid selected from the group Arg, Lys, Tyr, Ile and Asn

X^5 is an amino acid selected from the group Asp and Asn

X^6 is an amino acid selected from the group Gly, Asn and Gln

X^7 is an amino acid selected from the group Ala, Met, Gln, Arg, Glu and Val,

X^8 is an amino acid selected from the group Pro, Gly, Ser and Arg

X^9 is an amino acid selected from the group Ala, Met, Gln, Arg, Gly and Val

Z^1 represent an amino acid residue capable of forming a disulphide bond, preferably a cysteine or a homocysteine residue, or a residue capable of forming a thioether preferably the residue is Q-C(=O) wherein Q represents –(CH_2)n or –$(CH_2)_n$-C_6H_4 where n

represents a positive integer 1 to 10 or is absent and

Z^2 represent an amino acid residue capable of forming a disulphide bond, preferably a cysteine or a homocysteine residue or is absent

Y^1 represents 1-10 amino acids or is absent

L represents a bond, a spacer or a linker and

Z represents an antineoplastic agent, a reporter or a group that optionally can carry an imaging moiety M.

2. (Original) A targetable therapeutically active and/or diagnostic agent according to claim 1 wherein the vector V is a peptide comprising the amino acid sequence

Cys-Arg-Val-Arg-Ile-Asp-Gly-Ala-Pro-Ala-Cys, (SEQ ID NO 1),

Cys-Arg-Val-Arg-Ile-Asp-Asn-Met-Pro-Met-Cys, (SEQ ID NO 2),

Cys-Arg-Val-Arg-Ile-Asn-Gly-Gln-Pro-Gln-Cys, (SEQ ID NO 3),

Cys-Arg-Val-Lys-Ile-Asp-Gly-Arg-Pro-Met-Cys, (SEQ ID NO 4),

Cys-Arg-Leu-Lys-Ile-Asp-Gly-Met-Pro-Arg-Cys, (SEQ ID NO 5),

Cys-Arg-Ile-Lys-Ile-Asp-Gly-Glu-Gly-Gln-Cys, (SEQ ID NO 6),

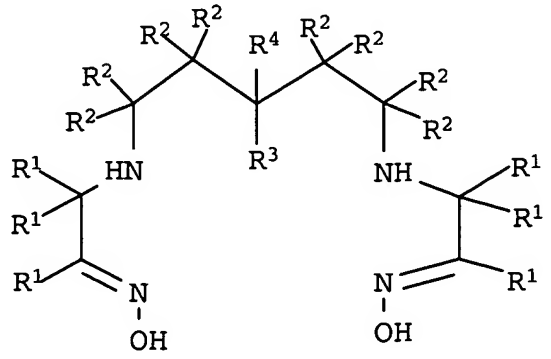
Cys-Arg-Val-Tyr-Ile-Asp-Gly-Val-Ser-Val-Cys, (SEQ ID NO 7),

Cys-Arg-Val-Ile-Ile-Asp-Gly-Arg-Arg-Met-Cys, (SEQ ID NO 8),

Cys-Arg-Tyr-Asn-Ile-Asp-Gly-Arg-Pro-Gln-Cys, (SEQ ID NO 9) or

Cys-Arg-Ile-Arg-Ile-Asp-Gln-Arg-Pro-Ala-Cys, (SEQ ID NO 10).

3. (Currently amended) An agent according to ~~any of the previous claims 1 and 2~~ claim 1 where Z is a chelating agent of formula IV



(IV)

where:

each R^1, R^2, R^3 and R^4 is independently an R group;

each R group is independently H or C_{1-10} alkyl, C_{3-10} alkylaryl, C_{2-10} alkoxyalkyl, C_{1-10} hydroxyalkyl, C_{1-10} alkylamine, C_{1-10} fluoroalkyl, or 2 or more R groups, together with the atoms to which they are attached form a carbocyclic, heterocyclic, saturated or unsaturated ring.

4. (Currently amended) An agent as claimed in claim 1 ~~in any of the previous claims 1 to 3~~ wherein Z comprises a reporter moiety M wherein the reporter moiety comprises metal radionuclides, paramagnetic metal ions, fluorescent metal ions, heavy metal ions or cluster ions.

5. (Currently amended) An agent as claimed in claim ~~5~~ 4 wherein the reporter moiety M comprises ^{90}Y, ^{99m}Tc, ^{111}In, ^{47}Sc, ^{67}Ga, ^{51}Cr, ^{177m}Sn, ^{67}Cu, ^{167}Tm, ^{97}Ru, ^{188}Re, ^{177}Lu, ^{199}Au, ^{203}Pb, ^{141}Ce or ^{18}F.

6. (Currently amended) An agent as claimed in ~~any of the previous claims 1 to 5~~ claim 1 where each reporter (Z) can carry a multiplicity of vectors V.

7. (Currently amended) An agent as claimed in ~~claims 1 and 2~~ claim 1 where the antineoplastic agent , Z represent cyclophosphamide, chloroambucil, busulphan, methotrexate, cytarabine, fluorouracil, vinblastine, paclitaxel, doxorubicin, daunorubicin, etoposide, teniposide, cisplatin, amsacrine or docetaxel.

8. (Original) A peptide comprising the amino acid sequence of formula (II)

Z^1-Arg-Val(Arg/Lys)Ile-Asp-Gly-X^7-Pro-X^9-Z^2-Y^1 (II)

wherein

X^7 is an amino acid selected from the group Ala, Met, Gln, Arg, Glu and Val,
X^9 is an amino acid selected from the group Ala, Met, Gln, Arg, Gly and Val
Z^1 represent an amino acid residue capable of forming a disulphide bond, preferably a cysteine or a homocysteine residue, or a residue capable of forming a thioether preferably the residue is Q-C(=O) wherein Q represents $-(CH_2)$n or $-(CH_2)_n$-C_6H_4 where n represents a positive integer 1 to 10 or is absent and
Z^2 represent an amino acid residue capable of forming a disulphide bond, preferably a cysteine or a homocysteine residue or is absent
Y^1 represents 1-10 amino acids or is absent
or pharmaceutically acceptable salts thereof.

9. (Original) A peptide comprising the amino acid sequence
Cys-Arg-Val-Arg-Ile-Asp-Gly-Ala-Pro-Ala-Cys, (SEQ ID NO 1),
Cys-Arg-Val-Arg-Ile-Asp-Asn-Met-Pro-Met-Cys, (SEQ ID NO 2),
Cys-Arg-Val-Arg-Ile-Asn-Gly-Gln-Pro-Gln-Cys, (SEQ ID NO 3),
Cys-Arg-Val-Lys-Ile-Asp-Gly-Arg-Pro-Met-Cys, (SEQ ID NO 4),
Cys-Arg-Leu-Lys-Ile-Asp-Gly-Met-Pro-Arg-Cys, (SEQ ID NO 5),
Cys-Arg-Ile-Lys-Ile-Asp-Gly-Glu-Gly-Gln-Cys, (SEQ ID NO 6),
Cys-Arg-Val-Tyr-Ile-Asp-Gly-Val-Ser-Val-Cys, (SEQ ID NO 7),
Cys-Arg-Val-Ile-Ile-Asp-Gly-Arg-Arg-Met-Cys, (SEQ ID NO 8),
Cys-Arg-Tyr-Asn-Ile-Asp-Gly-Arg-Pro-Gln-Cys, (SEQ ID NO 9) or
Cys-Arg-Ile-Arg-Ile-Asp-Gln-Arg-Pro-Ala-Cys, (SEQ ID NO 10).

10. (Original) A pharmaceutical composition comprising an effective amount of a compound of general Formula (III) or a salt thereof, together with one or more pharmaceutically acceptable adjuvants, excipients or diluents.

11. (Currently amended) A method of generating enhanced images of a human or animal body previously administered with a contrast agent composition comprising a compound as claimed in ~~claims 1 to 6~~ claim 1, which method comprises generating an image of at least part of said body.